KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

DEN 0 7 2001

WELL COMPLETION FORM

KCC WICHITA

WELL HISTORY - DESCRIPTION OF WELL & LEASE

NOS WICHITA	
Operator: License #6039	API No. 15 - 033-21194-0000 UKIDINAL
Name: L.D. Drilling, Inc.	County: Comanche County, Kansas
Address: RR 1 Box 183 B	S/2 S/2 NW/4Sec. 10 Twp. 32 S. R. 18 East We
City/State/Zip: Great Bend, Kansas 67530	feet from S / N (circle one) Line of Section
Purchaser: Oneok Field Service Co.	
Operator Contact Person: L.D. Davis	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>620</u>) 793-3051	(circle one) NE SE NW SW
Contractor: Name: Duke Drilling Co., Inc.	
License: 5929	
Wellsite Geologist: Kim Shoemaker	Producing Formation: Altamont
Designate Type of Completion:	Elevation: Ground: 2102 Kelly Bushing: 2111
New Well Re-Entry Workover	Total Depth: 5750 Plug Back Total Depth: 5028
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at
GasENHRSIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt
Well Name:	
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan 9-29-06 All 1 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	٠
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite.
Other (SWD or Enhr.?) Docket No	Operator Name:
02-07-01 02-22-01 3-08-01	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Date Reached TD Recompletion Date	Quarter Sec TwpS. R East West County: Docket No.:
Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-5 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge. Signature:	
L. D. Davis	KCC Office Use ONLY
Title: President Date: 12-06-01	Letter of Confidentiality Attached
Subscribed and sworr to before me this 6th day of December 200	
19 0	Wireline Log Received
Notary Public: M. DeWerff Bessie M. DeWerff	Geologist Report Received UIC Distribution
Date Commission Expires: 5-20-05 NOTARY PUBLIC - S	itate of Kansas
BESSIE M. De	- 70-05

Operator Name:	L.D. Drilling	, Inc.	Lease Na	me: Hilt		Well #:	1				
Sec. 10 Twp.	32 S. R. 18	East West	County:	Comar	nche County,	, Kansas					
tested, time tool op- temperature, fluid re	Show important tops are and closed, flowing ecovery, and flow rates gs surveyed. Attach fire	and shut-in pressures if gas to surface test,	s, whether shut-in along with final	n pressure reach	ed static level, hyd	rostatic press	tests giving interval sures, bottom hole eded. Attach copy of al				
Drill Stem Tests Tak		X Yes No		Log Form	Sample						
Samples Sent to Ge	eological Survey	🗓 Yes 🗌 No	1	Vame		Тор	Datum				
Cores Taken Electric Log Run (Submit Copy)		Yes No Yes No									
List All E. Logs Run:											
	ated Porosity,	Microresistiv CASING	vity Log	New Used		THE CONTRACT OF THE CONTRACT O					
Purpose of String	Size Hole	Report all strings set-	Weight	Setting	Type of	# Sacjs	Type and Percent				
	Drilled	Set (In O.D.)	Lbs./Ft.	Depth	Cement	Used	Additives				
Conductor Surface	12-1/4"	20" 8-5/8"	34# 24#	74 ' 708 '	65/35	225	3%cc				
Production	7-7/8"	5-1/2"	15.5#	5282 '	Class A Premium	100 250	3%cc 2%ge1 10%salt 5%cal				
				QUEEZE RECOR			seal				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used			ercent Additive:	S				
Shots Per Foot	PERFORATION Specify Foo	RECORD - Bridge Plug lage of Each Interval Perf	s Set/Type orated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth							
4 spf	5208-5218			1000 NE			5208-18				
4 spf	·5124 - 5132			1500 28		to recommend the second	5124-5132				
4 spf	4980-4986			500 ga1			4980–4986				
TUBING RECORD	2"	Set At 5025 1	Packer At	Liner Run	∫Yes 🏹 No		3				
	Production, SWD or Enhr.	Producing Metho	od XX Flowi	ng Pumpir	g Gas Lift	Otho	(Explain)				
stimated Production Per 24 Hours	lated Production Oil Bhls Gas III		cf Wa			s-Oil Ratio	Gravity				
isposition of Gas	METHOD OF COMP	PLETION		Production Interv	^{ral} 4980–4	986					
Vented Sold (If vented, Sumi	Used on Lease (ACO-18.)	Open Hole Other (Specify)		Dually Comp.	Commingled	,,,,					

ORIGINAL

DAILY DRILLING REPORT

OPERATOR: L. D. DRILLING, INC.

WELLSITE GEOLOGIST: KIM SHOEMAKER

RECEIVED

CONTRACTOR: DUKE DRILLING - RIG 4

SPUD: 8:30 P.M Feb. 7, 2001

DEC 0 7 2001

KCC WICHITA

LEASE: HILT #1 S/2 S/2 NW/4

SEC. 10-32s-18w Comanche

ELEVATION: 2102' GR 2111' KB

PTD: 6000'

SURFACE: Set 70' 20" conductor pipe Ran 17 Jts. Set 8 5/8" 24# Surf. csg. @ 708' W/225 sx. 65/35 poz, 6% Gel, 3% cc tailed W/100 sx. class A, 2% GEL,3% cc Plug Down @ 8:45 A.M. 2-08-01 Did Circulate by Allied Cementing

2-06-01	Move in - Rig up
2-07-01	finish rigging up and spud @ 8:30 P.M.
2-03-01	708' Running surface csg @ 7:00 A.M.
2-09-01	1400' Drilling
2-10-01	2152' Drilling
2-11-01	2730' Drilling
2-12-01	3322' Drilling
2-13-01	3940' Drilling
2-14-01	4310' Drilling
2-15-01	4640' Drilling
2-16-01	4680' Drilling
2-17-01	4990' Drilling (DST #2)
2-18-01	5095' DST #3
2-19-01	5140' DST #4
2-20-01	5190' DST #5 on bottom
2-21-01	5360' Drilling ahead
2-22-01	5645' Drilling ahead
2-23-01	5750' RTD Preparing to run 5 1/2" csg.
5/1/011	6 5202 H/250 or Promism 57 cal-cas
	set @ 5282 W/250 sx. Premium, 5% cal-sea
	1t, 5# Gilsonite per sk5/10% Halad 32
Plug do	own @8:00 P.M. 2-23-01

SAMPLE TOPS:		LOG TOPS:
Kan Waka Shale	4144 (-2003)	
Heebner	4303 (-2195)	4292 (2 2 18 1)
Brown Lime	4464 (-2354)	4466 (-2355)
Lansing	4485 (-2374)	4483 (-2372)
Base K/C	4865 (-2754)	4866 (-2755)
Marm.	4933 (-2822)	4931 (-2820)
Altamont	4967 (-2856)	4969 (-2858)
Cherokee	5062 (-2951)	5064 (-2953)
Mississippi	5111 (-3000)	5118 (-3007)
Viola	5647 (-3536)	5650 (-3539)
RTD	5750 (-3639)	5753 (-3642)

DST #1 4647-4674 L/KC

TIMES: 30-45-45-60

BLOW: 1st Open bb 14 min 2nd open blt to 5"

RECOVERY: 630' sgcw 5% gas

IFP:25-189 FFP: 194 FSI₽ ISIP: 165**5** 327 1655

DST #2 4956-4990 Altamont

TIMES: 30-45-45-60

BLOW: 1st open bb imm.GTS in 2 min.
796mcf to 930 mcf
2nd open GTS thru-out 725 mcf
RECOVERY: 100' HGCM
to 840 mcf

RECOVERY: 100' HGCM

IFP: 100-211 FFP:203-ISIP: 224 1840

5025-5095 Pawnee/Cherokee DST #3

30-45-45-60 TIMES:

BLOW: 1st open bb 1 min. gts in 5 m \(\frac{101}{200} \) 2nd open gts throu-out 147 mc dec to 134

RECOVERY: 70' gcm

ISIP: 1856 IFP:57-69 FFP: 69-70

DST #4 5116-5140 Miss.

TIMES: 30-45-45-60

BLOW: 1st open: bb in 40 seconds

2nd open: gts in 1 min.
RY: 16MCF inc. to 21M**CF**

RECOVERY: 15' Drilling Mud

FFP: 6-9 ISIP: IFP: 8-9 1776 1779

Temp. 113

DST #5 5142-5190

TIMES: 30-45-45-60

1st open: bb 2 min TO BE CONTIN

HILT #1 S/2 S/2 NW/4 Sec. 10-32s-18w Comanche Co Page 2 Daily Drilling Report

DST #5 5142-5190

TIMES: 30-45-45-60

BLOW: 1st open: bb in 2 min.

2nd open: bb immediately

RECOVERY: 1050' GIP

12' sgcm

IFP: 22-31

FFP: 32-32

ISIP: 348

FSIP: 494 temp 118°

wed 0 7 2001

REGENED

KCC WICHITA

HALLIBURTON®

RECEIVED

DEC 0 7 2001

KUC WICHITA

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1160106

Sales Order Date: February 23, 2001

Material	Description	ΩΤΥ	иом	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
76400	MILEAGE,CMTG MTLS DEL/RET PER/ 500-306 / MILEAGE,CMTG MTLS DEL/RET PER/TON MI.MIN	1,799	МІ		1.51	2,716.49	814.95	1,901.54
	NUMBER OF TONS	1.00	ton					
I	SALES ORDER AMOUNT Sales Tax - State							16,368.42
	Sales Tax - State Sales Tax - County							581.43 36.04
	Sales Tax - City/Loc							118.68
	SALES ORDER TOTAL							17,104.57
								US Dollars
				_				

Operator Name:	Halliburton Approval	x
Customer Agent:	Customer Signature	x

HALLIBURTON®

RECEIVED DEC 0 7 2001

ORIGINAL

Halliburton Energy Services, Inc.

KCC WICHITA

Sales Order Number: 1160106

Sales Order Date: February 23, 2001

				Base					
Material	Description	ΩΤΥ	иом	Amount	Unit Amount	Gross Amount	Discount	Net Amount	
100078075	SHOE ASSY - FORM PACKER - 5-1/ 80855.137 / SHOE ASSY - FORM PACKER - 5-1/2 8RD - / 7 IN. OD PKR - FLAPPER VALVE TYPE	1	EA		3,975.00	3,975.00	993.75	2,981.2	
100078046	FILUP ASSY,1.250 ID,FORM PKR S FILLUP ASSY - 1.250 ID - FORM PKR SHOE / FILLUP ASSY - 1.250 ID - FORM PKR SHOE	1	EA		110.00	110.00	27.50	82.50	
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 H 806.60022 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	8	EA		70.00	560.00	168.00	. 392.00	
100004614	BSKT,CEM,5 1/2 CSG,SLIP-ON,STL 806.71430 / BASKET - CEMENT - 5-1/2 CSG - SLIP-ON / - STEEL BOWS - CANVAS	1	EA		211.00	211.00	63.30	147.70	
13383	SBM MUD FLUSH,ZI 018-315 / SBM MUD FLUSH,ZI	500	GAL		1.05	525.00	157.50	367.50	
100003687	Cement- Premium (Bulk) CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	275	SK		18.95	5,211.25	1,563.38	3,647.87	
100064022	Chem- Calseal 60 (Bulk) 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	13	SK		47.57	618.41	185.52	432.89	
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	1,375	LB		0.69	948.75	284.63	664.12	
100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	130	LB		9.05	1,176.50	352.95	823.55	
	SALT,CEM GR,BULK 509-968516.00315 / SALT - CEMENT GRADE - BULK	1,333	LB		0.22	293.26	87.98	205.28	
	HANDLE&DUMP SVC CHRG, CMT&ADDI 500-207 NUMBER OF EACH	340 1	CF each		2.47	839.80	251.94	587.86	

SALES ORDER



RECEIVED

DEC 0 7 2001

ORIGINAL

Halliburton Energy Services, Inc.

NUC WICHITA

Sales Order Number: 1160106

Sales Order Date: February 23, 2001

SOLD TO:

L D DRILLING CO ROUTE 1 BOX 183-B GREAT BEND KS 67530

USA

SHIP TO:

L.D. DRILLING HILT 1, COMANCHE

HILT

API 15-033-21194 COLDWATER KS 67029

USA

Ticket Type:

Services

Well/Rig Name:

L.D. DRILLING HILT 1, COMANCHE

Company Code:

1100

Customer P.O. No.:

N/A

Shipping Point:

Liberal, KS, USA

Sales Office:

Mid-Continent BD

Well Type:

Gas

Well Category: Service Location: Development 0037

Payment Terms:

Net due in 20 days

Material	Description	ΩΤΥ	иом	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	CEMENT PRODUCTION CASING - BOM JP035	1	JOB					
1	MILEAGE FROM NEAREST HES BASE, 000-117	120	МІ		4.05	486.00	145.80	340.20
	Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119	120	MI		2.38	285.60	85.68	199.92
	Number of Units	1	unit					
16091	CSG PUMPING,0-4 HRS,ZI 001-016 / CSG PUMPING,0-4 HRS,ZI	1	EA		2,917.00	2,917.00	875.10	2,041.90
	DEPTH .	5,250						
	FEET/METRES (FT/M)	FT						
132	PORTABLE DAS,/DAY/JOB,ZI 045-050	1	ЈОВ		916.00	916.00	274.80	641.20
	NUMBER OF DAYS	.1	Days					
7	ENVIRONMENTAL SURCHARGE,/JOB,Z 000-150	1	JOB		66.24	66.24		66.24
114	R/A DENSOMETER W/CHART RECORDE 019-500	1	JOB		625.00	625.00	187.50	437.50
	NUMBER OF UNITS	1	each				•	
88	PLUG CONTAINER RENTAL-1st Day 019-248	1	EA		582.00	582.00	174.60	407.40
	NUMBER OF DAYS	1	Days					

RECEIVED Work Order Contract HALLIBURTON 2001

70012 SAF

Order Number

NCC WICHITA

Halliburton Energy Services, Inc. Houston Texas 77056

TO:	HALLIBURTON	ENERGY	SERVICES,	INC.	- YOU	ARE	HEREBY	' REQUESTED) TO	FURNISH	EQUIPMEN	IT AND	SERVIC	CE PERS	ONNEL	L TO
	DELIVER AND	OPERATE	THE SAM	E AS	AN INC	EPEND	ENT C	ONTRACTOR	TO	CUSTOME	R LISTED	BEĽOW	AND D	ELIVER	AND	SELL
	PRODUCTS, SI	IPPHES A	ND MATER	IAIS F	OR THE	PURP	OSE OF	SERVICING:								

PRODUCTS,	SUPPLIES AND MATERIALS	FOR THE PURPOSE OF SERVICING:			
Well No.	Farm or Lease	County	State	Well Permit #	
	/ HILT >	COMMONE	125	Tron romane #	
Customer		Well Owner	Job Purp	oose	·
L.D. DRIL	NG	SAME		035	
	THIS WORK	ORDER MUST BE SIGNED BEFORE WORK	IS COMM	ENCED	

CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton")

PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall per lall requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton from. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered

DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest

MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORD TO SIGN THE SAME AS CUSTOMER'S AGENT.	S FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED
SIGNED: CUSTOMER Authorized Signatory	DATE:
Customer Acceptance of Materials and Services	
THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER	CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

I HAVE READ AND UNDERSTAND THIS WORK OPDER CONTRACT WHICH CONTAINS STATES

Pink-Customer

Green-Retain

THE	INFORMATIO	ON STAT	ED HEI	REIN IS CO	DRRECT	CI	USTOMER'S F	X X		SIGNATUR	RE						
Frac Ring #1			Frac Rin	g #2	52.52	Fr	ac Ring #3		21.73kg 1.42	and said to	Frac I	Ring #4					
Shut in: instant			_ DIMIN _		15 Min	***************************************				BBI6	o ·						
										BBI	8.	[oisp:BBI-dal 2	1245			
									& Bkdn: Gal-			F	ad: BBI•Gal _				
								Preflu	sh: Gal-	(BBL)_/(>	Т	ype Mxd /	Eust			
275	PREMIUM		3	56 CM	SEA 4 - 10	% SAL7	158/1	ALAC	1-322-	5"GIS	DNITE	<u> </u>	1.39	15.2			
STAGE SACK			LK/SKS	40.00			ADDIT						YIELD	LBS/GA			
· Jani vila		4.673			.5, 7, 7	CEMENT	DATA		1 13 13								
Other		,			FEET	42	251		CEMENT LE Rea	FT IN PIPI		SHOF	JOINT	,			
Other		1			TREAT				AVERAGE RA	ATES IN BE			Ove				
Other		\	-,		ORDE	RED			IYDRAULIC H Av	ail.			Use	d			
	t		al/Lb ty		[310	IAL		<u></u>	TOTAL								
Breaker	Gal/Lb		In		3344	TAL		1	TOTAL				· · · · · · · · · · · · · · · · · · ·				
Gelling Agent	Gal/Lb		In					4 -	······································								
NE Agent Fluid Loss	Gal Gal/Lb		In In					1									
Surfactact	Gal		In					$\dashv \vdash$	THE WALLET								
Acid Type	Gal Gal		%					7 F									
	Size _ Size _		Lb Lb					<u> </u>		<u> </u>		SEE	JOB LO	5			
Disp. Fluid		Density		Lb/Gal				4 -		-							
Treat Fluid	, gymajili			Lb/Gal		ATE	HOURS	1	DATE	HOU							
	1 m 27 def m d 12	RIAI S				URS ON L	OCATION	TT	OPERAT	NG HOUR	State	*#### DF	SCRIPTION	OF JOB			
Other BASKE	r 5%	,		0	Perfor				TIME					 			
Packer	522			<u> </u>	Perfor				/ICHITA								
Top Plug / D. Head P/C.	5/2	1			Open Perfor		UL	v ()	7 2001	·	-						
Bottom Plug	-1.		<u></u> (,	,	Tbg/D		DEC	۳			_			SHOTS/F			
Centralizers 5	9 5/2	8			Tbg/D		ME		IVED								
Guide Shoes	,		0		Liner		gran, dans.	F .	11								
Float Shoe PA	CKER 5/2	/			Liner												
Float Collar	****		11		Casing	g	N		15.5	5/2		KB					
	TYPE AND SIZE QTY MAKE					The state of the s						FROM	TO	MAX ALLO			
	TOOLS AND A								WEI	LĻ DATA	····						
1	mp:	Total De	Pressure .		Т	IME			L								
Packer Type	ICKER SHOE	Se	t At 🅰	1/	l l	'A1L	23.01		2.23.0)/	2.2	3-01	2.23	-0/			
Form Thickness	٠.						CALLED OU	Т	ON LOCA			STARTED	JOB CÓ	MPLETE			
Form Name		Tyr	l be:		<u></u>	1 1					<u> </u>			get ~			
											-						
542/9-7	8279	120									 	· · · · · · · · · · · · · · · · · · ·					
<u> 420621</u>		120	592	25-66	12	120					_						
	T NUMBERS	R/T MILES		HES UNIT NUN		R/T MILES	HES U	UNIT N	UMBERS	R/T MILES	ļ	HES UNIT	NUMBERS	R/T MII			
											 						
SREUNER				7	7 N. HOT												
	4 105848				106025						1		The state of the s				
11101	# (EXPOSURE HOURS	S) 🧯 HRS			(POSURE HOURS)	HRS	7					ES EMP NAME/EMP # (EXPOSURE HOURS)					
LEASE / WELL#	* /			C/TWP/RNG				HES F	ACILITY (CLOSI	EST TO WEI	.L SITE)						
Coldwill	ER.			C	MENT					035							
WELL LOCATION	<u> </u>		DE	PARTMENT		JOB PURPOSE CODE											
TICKET AMOUNT			WE	LL TYPE	<u> </u>	API / UWI #						1316-786-1788					
LOCATION LIBERAL	KS			MPANY	DRILLIA			CUST	OMER REP / PH ハ ハ k レ i	ONE	316-	786-1	782				
MCL TO	3/04 /0	5848		0411	wooder	<i>V</i>		01107	OMER REP / PH	NAL.	Tso4	MION	<u>/</u>				
MBU ID / EMP #			EM	PLOYEE NAME	ATINGN	1		PSL D	EPARTMENT	- 6	1			188 F.			
REGION	North America			/A / COUNTRY		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		BDA /	STATE	UKI	UI	Cou	MANG				
	LLIDOKI	∵ । ₹		JOB SU	JMMARY	70006			MOR	62 N		N 1 12	123.0	1			
HA	LLIBURT	ON®					Г	TICKE	T#			TICK	ET DATE				

H	ALLII	BURT	ON®			JOB LOG	OPPED NO. Topos	TICKET #	TICKET DATE	
GION	North	America	1			OUNTRY	ORDER NO. 70006	BDA/STATE	G COUNTY	
North America					(موسطي EMPLO)	YEE NAME	The signs	PSL DEPARTMENT	HUNAL	
CATION #	3/24		<u> </u>			40 Son		CUSTOMER REP/PHONE	The same of the sa	
FICKET AMOUNT						YPE DAY				
							ri A G	API / OWI # DADA	the state of the s	
VELL LOCATION TO THE PROPERTY OF THE PROPERTY					DEPART	MENT		JOB PURPOSE CODE		
ES EMP NAME/EMP # (EXPOSURE HOURS) HRS HES					SEC / TV	VP / RNG		**	*,	
4117 *17								HES FACILITY (CLOSEST TO WELL SITE)		
EMP NAME/EI	MP # (EXPO	SURE HOUR	S) HRS	HES É	MP NAME	E/EMP # (EXPOSURE H	OURS) HRS HESEMPAN	HRS (EXPOSURE HOURS) HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	
traders broke 51					1	Heles inco	Set : Company	Comments		
EFILE TE	A TOP OF THE			<u> </u>	- Ý			DEC 0 7 2001		
		··········	 				K	CC Mar		
HART NO.	TIME	RATE	VOLUM		UMPS	PRESS (psi)	1877	CC WICHITA JOB DESCRIPTION	(DELLA DICC.)	
	42-	(BPM)	(BBL)(GA	<u>(L) I</u>	С	Tbg Csg		JOB DESCRIPTION	HEMARKS	
	1630 1630						JOB JOB	RENdy		
	av-						CALLED OUT	OR JOB	* *	
	1030	<u> </u>					Dimo Tol	A. (A. din 1 - 11)	er not Tab nime and	
	\leftarrow		1		-		WAIT ON CAT	TO POST DIME	THE YOU SHE ASSEME	
	200		 	-	+		RIG LAYING D	Own Drill Did	AUGE IN	
/	300 1500		 		+		SPOT PUMP	TRUCK - RIA	- 6P	
	200			+	+	-	1864 TRUCK	ON LOCATION	ur pre Job site assemb Rock in E T	
		•								
4	530						TAPE PRE SOL	MARSHY MILLT	W6	
\ \#							OF MAY NOWN	WG 512 16011 E	TUP + GISING	
	730			-	-		CASING ON.	Bottom 5272		
n.r	Mie			+	-		HOOK up sto	PIC + GRELLIT	US TROAL	
ي شيئني الم	745	, g - \$*					START CIRCUS	BOTTOM S272 Plc + GREWITH GING WITH RIC	S PGMP	
: : :	1115				T		01-011	- 11	V T	
\$ 4× \$							+110000 CO	714 Will 250	S CAMBIT	
	133		-				Dan DACKE	LUDE CETTURE	CS CRIMBIT GD TO PUMP TRUCK ML	
	7.0	7	^				LONG FATCH	West Dir	The	
					+-+					
		· .	2	1-	┼		Too	percedias		
	901			+-			72ST pump 1	LINE	/ */	
- 1		,				0/200	PRESSURE US	ON MICKING SH	OF (200" INCREMENT	
·			10		0	300	10 April mind	HOF SACKSH C	Restrict with	
/	207				1	, pag	amn CAN	FRISH LATER CON	(الإجهر	
—∤	704		62		1	280	mix 250 sks	ON PACKER SH HOL "STABLISH CA FLUSH SPACER FRESH GATER SPACE CEMPUT AT L	CA LACAL	
		- "		+	 	· • •	413.	200	2 /010	
			,	1	1-1		THROUGH MIXING	CEMPN - SHOT	DOWN	
			**************************************			14.7	RELEASE LID	O + LINES	e.	
 ,										
			**************************************				START DISPLA			
			· · · · · · · · · · · · · · · · · · ·			800/150	MAX LIFT PA	LSWAK		
	945		121	1.	+ +					
	10		126	Ť	4	1500	PHIC DOWN	/		
							KTLUST FA	ut		
								γ		
-, 			-1	+			,			
, ,				+-	-					
-,-			t	+-			A CONTRACTOR OF THE CONTRACTOR			

ALLIED CEMEN	ITING CO., INC. 5172
REMIT TO P.O. BOX 31	SERVICE POINT, SERVICE POINT,
RUSSELL, KANSAS 67665	Med looge
DATE 2-8-01 /() 3-5 /8 4) SEC. TWP. RANGE C	ALLED OUT ON LOCATION JOB START JOB FINISH
(11)	COUNTY STATE
	ateriset 3E Comanche KS
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ide of Gray House
CONTRACTOR Dyke 7	OWNER / Drilling
TYPE OF JOB SUPFACE HOLE SIZE 12/4 T.D. 708	CEMENT
CASING SIZE 8 DEPTH 708	AMOUNT ORDERED 250 SX 65.35.6 -3%
TUBING SIZE DEPTH	+14 /10-sea 200sx Class A+3% co
DRILL PIPE DEPTH TOOL Def To DEPTH 66	+2%gel
PRES. MAX 600 MINIMUM 200	COMMON 4 100 @ 635 635.00
MEAS. LINE SHOE JOINT 42, 48	POZMIX @
CEMENT LEFT IN CSG. PERFS.	GEL 3 @ 9.50 19.00 CHLORIDE 12 @ 38.00 336.00
DISPLACEMENT 43 BBW Fresh HO	ALW 250 @ 6.00 1500.00
EQUIPMENT	Fro-SEAL 63# @ 1.40 BB.20
, (,)	
PUMPTRUCK CEMENTER JUSTIA HALT	
#359-265 HELPER Mark Brungard T BULK TRUCK	HANDLING 377 @ 1.05 325.85
#258-31-1 DRIVER Mike Rucker	MILEAGE 377 X37 04 557.96
BULK TRUCK # DRIVER	RECEIVED TOTAL 3532.61
	DEC 0 7 2001 SERVICE
REMARKS:	SERVICE
Pipe on Bottom Break Circ	AUG WICHITA
M250 SX 65:35.4 @ 12,8#	DEPTH OF JOB 708'
Disa 43 BBLS Ruma Plua	PUMP TRUCK CHARGE 6-30 470.00 EXTRA FOOTAGE 408 @ 43 175.44
200# +0 600#	MILEAGE 37 @ 3.00 111.00
shut head in Release Press	PLUG & 7 TRP @ 90.00 90.00
Circulated Cement	@ @
Λ 110	TOTAL 246.44
CHARGE TO: LD Drilling, INC.	,
STREET RR 1, Box 183-B	FLOAT EQUIPMENT
CITY BREAT BEND STATE KANSAS ZIP 67530	
	1-Battle Plate @ 15.00 45.00
	2- Centralizers @ 55.00 110.00
	1- Basket @180.00 180.00
To Allied Cementing Co., Inc.	
You are hereby requested to rent cementing equipment	
and furnish cementer and helper to assist owner or	TOTAL <u>335.00</u>
contractor to do work as is listed. The above work was	
done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND"	TAX
CONDITIONS" listed on the reverse side.	TOTAL CHARGE 4913.45
	DISCOUNT 471.35 IF PAID IN 30 DAYS
Ω_{I}	4242.10
SIGNATURE (TAPON) Rove	Galer D Kond
	PRINTED NAME